Sub: AR&DB SCHLORSHIP FOR (B.TECH AND M.TECH) MERITORIOUS STUDENTS IN AERONAUTICAL ENGG / AVIONICS.

Further in continuation of AR&DB letter on the above subject dated 24 April 2017, the date of submission of list of eligible students at Post Graduate Level (M.Tech) and at Graduate Level (B.Tech) in the domain of Aeronautical Engineering / Avionics for the academic year 2017-18 is extended upto 30 May 2018.

2. Other contents of the earlier letter dated 24 April 2017 remain same.

(Kuldeep Singh)
Secretary, AR&DB
Sub: AR&DB SCHLORSHIP FOR (B.TECH AND M.TECH) MERITORIOUS STUDENTS IN AERONAUTICAL ENGG / AVIONICS.

Dear Sir,

Aeronautics Research and Development Board (AR&DB) is a national body engaged in developing and nurturing excellence in the area of aeronautics by sponsoring Grant-in-Aid research projects. It also promotes the training of futuristic manpower based on the Aeronautical research needs of the country through its one of its specialist panel as Aerospace Resource Panel. The Panel formulates promotional strategies and plans with to boost the development of Aeronautical Manpower and attract talents in the area of Aeronautical Engineering / Avionics.

Under the AR&DB mandate, Secretary, AR&DB is authorized to distribute / redistribute the scholarship up to 25 at Post Graduate Level (M.Tech) and 50 at Graduate Level (B.Tech) in the domain of Aeronautical Engineering/Avionics to the IIT’s, NIT’s and other such institutions offering the said B.Tech and M.Tech course in Aeronautical Engineering / avionics. The details of the scheme are also available at our website [www.drdo.gov.in/drdo/boards/ardb/index.htm].

AR&DB also promotes all the major Aeronautics programmes of country including awards, prizes, specific training and aligns its efforts with the changing times to keep its prime focus on futuristic research needs of the country with respect to Aircraft, Helicopters, Missiles & all other airborne vehicles & their operations and also encourages/promotes the young and talented scholars in the field of aeronautics throughout the year.

In view of the above, it is requested to forward the eligible list of students at Post Graduate Level (M.Tech) and at Graduate Level (B.Tech) in the domain of Aeronautics Engineering / Avionics / Aerospace Engg from your institute of academic year 2017-18 (latest by 30th April 2018) and also for the forthcoming session 2018-19 (latest by 30th Aug 2018) so that they can be considered for scholarships as per the norms of AR&DB. Details regarding eligibility and scholarship of students are enclosed herewith. The scholarship doesn’t guarantee absorption in DRDO or to any other organisation. For recruitment in DRDO and other organisations, the candidate has to apply as per the rules of Govt. of India and also through the posts advertised time to time in national newspapers.

Kuldeep Singh
(Kuldeep Singh)
Secretary, AR&D

Encls: 1. Brochure for Scholarship
2. Application form for scholarship
Background: AR&DB was the consequence of Subramaniam Committee report and was constituted by Government of India in 1971. The board replaced the Aeronautical Research Council of CSIR and Aeronautical Research and Development panel of DRDO.

Vision: Make India prosperous by establishing world class aeronautical science and technology base and provide our Defence space and civilian aviation sectors decisive edge by equipping them with internationally competitive systems and solutions.

Mission: To encourage and fund basic and applied research in pertinent scientific disciplines of broad relevance to our future Aeronautical systems by enabling and supporting emerging talent, most particularly in academic institutions, to create and evolve a knowledge-base potentially applicable to Aeronautics.

Aeronautics R&D Board
MoD, DRDO Bhawan
Rajaji Marg,
New Delhi-110011
Tele: 01123007323
Fax: 01123007853
kuldeep@hqr.drdo.in
ardb@hqr.drdo.in
www.drdo.gov.in/drdo/boards/ardb/index.htm

AERONAUTICS RESEARCH & DEVELOPMENT BOARD

Spreading Frontier Innovative Research in Aeronautics

Aeronautics Research & Development Board is a national body for co-ordination and funding of futuristic research/development programmes in aeronautics under the Grants-in-Aid of DRDO.

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION,
DRDO BHAWAN, NEW DELHI
**Function of the Board:**
- Formulate R&D Programs
- Promote Education & Training
- Promote Interaction through Conferences, Workshops etc.
- Encourage individual and collective efforts through awards and scholarships
- Disseminate Information

**Approaches:**

**The Top-down approach:** Creation of AR&DB National Research Initiatives in specially identified thrust areas to create a technology base, infrastructure and HR
- relevant futuristic developments (in tune with global scenario)
- directed R&D program with clear deliverables and firm schedules

**The Bottom-Up approach:**
- To support individual expert/group centric proposals in pre-defined thrust areas
- Coordinated by specialist panels; handled by AR&DB

**Panels of the Board:**
- Aerodynamics Panel
- Aerospace Resources Panel
- Materials & Manufacturing Panel
- Propulsion Panel
- Structures Panel
- Systems/Systems Engineering Panel
- Special Interest Group for Micro Air Vehicles
(These panels are being monitored by the group of eminent members from the nationwide R&D body of repute.)

**Composition of Board:**
- Secretary Defence R&D, Chairman
- Secretary Defence, Member
- Secretary, Defence Production, Member
- ISRO, Chairman, Member
- DG R&D (Aeronautical Systems), Member
- Deputy Chief of Air Staff, Member
- DG R&D (TM), Member
- Addl FA (R&D) & JS, Member
- Programme Director ADA, Member
- Director, DRDL, Member
- Director ADE, Member
- Director, GTRE, Member
- Director, NAL, Member
- Director, VSSC, Member
- Director (Design & Development)
  HAL, Member
- Secretary AR&DB - Member Secretary

**Technical Committee of the board comprises of Convener Prof (Dr.) Amol Anant Gokhale, IIT Bombay and other eminent member from the nationwide R&D body of repute.**

**Composition of Technical Committee:**
Prof (Dr.) Amol Anant Gokhale, Convener, Prof IIT Bombay
Director, NAL, Bangalore, Member
Director, GTRE, Bangalore, Member
Director, DRDL, Hyderabad, Member
Dir Air Staff Requirement, Member
General Manager (Design/ARDC), HAL, Bangalore, Member
Director, DMR, Hyderabad, Member
Director General, Civil Aviation, R&D Centre, New Delhi, Member
Director ADE, Member
Programme Director, ISRO, Bangalore, Mem.
Secretary AR&DB, Mem Secy.

**Institute Funded:** ARDB has funded 108 colleges/institutes/research institutes in last 10 years. Major colleges supported are: IITs, NITs, CSIR (NAL, RRL), IISC, PECs, MIT, PSG, VEL Tech, VIT, State Universities etc

**National Initiatives:**
- GTMAP, GATE, CASDE, CFD, NPMICAV, ACECOST, ASE-ASEA, IVHM

**Thrust Areas**

**Aerospace Resource Panel:**
- Institution for awards for innovative design & projects. Invited Lectures.
- Information Technology for Aerospace Applications.

**Scholarships : Aeronautical Engg**
B.E/B.Tech : Rs.5000/- for four years
Aeronautical Engg
M.Tech : Rs.8000/- for two years (likely ME/M.Tech to be revised).

[Scholarships : 7.0 CGPA or 70% to be maintained in all exams of B.Tech and M.Tech].
Application Format for the Scholarship in BE/ B Tech, ME/M.Tech through Aeronautics Research and Development Board (AR&DB)

<table>
<thead>
<tr>
<th>Course</th>
<th>BE</th>
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<th>Recommending Institute</th>
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